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U. S. DEPARTMENT OF AGRICULTURE.
OFFICE OF EXPERIMENT STATIONS—BULLETIN NO. 161.
A. C. TRUE, Director.

# ORGANIZATION LISTS

OF THE

# AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

IN THE

# UNITED STATES.

DECEMBER, 1905.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1905.

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U. S. DEPARTMENT OF AGRICULTURE.

OFFICE OF EXPERIMENT STATIONS—BULLETIN NO. 161.

A. C. TRUE, Director.

# ORGANIZATION LISTS

OF THE

# AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

IN THE

# UNITED STATES.

DECEMBER, 1905.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1905.

## LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
*Washington, D. C., December 1, 1905.*

SIR: I have the honor to transmit herewith manuscript of a bulletin containing the organization lists of agricultural colleges and experiment stations in the United States. The matter has been compiled under my direction by Miss M. T. Spethmann and Miss Mary Agnew of this Office, and I recommend its publication as Bulletin No. 161.

Respectfully,

A. C. TRUE,
*Director.*

Hon. JAMES WILSON,
*Secretary of Agriculture.*

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# KEY TO ABBREVIATIONS.

NOTE.—Members of boards of trustees or other governing boards of the college who are charged with the management of experiment station affairs are indicated by an asterisk (*).

---

*Acct.*, Accountant.
*Actg.*, Acting.
(*Actg.*), Acting Professor.
(*Adjunct*), Adjunct Professor.
*Agr.*, Agriculture, Agriculturist, Agricultural.
*Agron.*, Agronomy, Agronomist.
*Agt.*, Agent.
*Anal.*, Analytical, Analysis.
*Anat.*, Anatomy.
*Arbor.*, Arboriculture, Arboriculturist.
*Archi.*, Architecture.
*Arith.*, Arithmetic.
*Assoc.*, Associate.
(*Assoc.*), Associate Professor.
*Asst.*, Assistant.
(*Asst.*), Assistant Professor.
*Astron.*, Astronomy.
*Bact.*, Bacteriology, Bacteriologist.
*Bibliog.*, Bibliography, Bibliographer.
*Biol.*, Biology, Biologist, Biological.
*Blacksm.*, Blacksmithing.
*Bot.*, Botany, Botanist, Botanical.
*Chair.*, Chairman.
*Chem.*, Chemist, Chemistry, Chemical.
*Climat.*, Climatology, Climatologist.
*Comdt.*, Commandant.
*Com'l*, Commercial.
*Comr.*, Commissioner.
*Corresp.*, Correspondence, Correspondent.
*Dept.*, Department.
*Dir.*, Director.
*Div.*, Division.
*Dom.*, Domestic.
*Draw.*, Drawing.
*Econ.*, Economy, Economic, Economics.
*Ed.*, Education.
*El.*, Elementary.
*Elect.*, Electrical, Electricity.
*Engin.*, Engineer, Engineering.
*Engl.*, English.
*Ent.*, Entomology, Entomologist.
*Expt.*, Experiment, Experimental, Experimentalist, Experimenter.
*Ext.*, Extension.
*Flor.*, Floriculture, Florist.
*For.*, Forestry.
*Gard.*, Gardener, Gardening.
*Gen.*, General.
*Geog.*, Geography.
*Geol.*, Geology, Geologist, Geological.
*Gov.*, Governor.
*Hist.*, History, Historical.
*Hort.*, Horticulture, Horticulturist.
*Husb.*, Husbandry, Husbandman.
*Indus.*, Industrial, Industries, Industry.
*Inst.*, Institutes.
*Instr.*, Instruction, Instructor.
*Invest.*, Investigations.
*Irrig.*, Irrigation.
*Lab.*, Laboratory.
*Lang.*, Language, Languages.
*Lat.*, Latin.
*Lect.*, Lecturer.
*Libr.*, Library, Librarian.
*Lit.*, Literature.
*Mach.*, Machinery, Machinist.
*Math.*, Mathematics.
*Mech.*, Mechanics, Mechanician, Mechanical.
*Met.*, Meteorology, Meteorologist.
*Metal.*, Metallurgy.
*Mfg.*, Manufacturing.
*Mgr.*, Manager.
*Mil.*, Military.
*Min.*, Mineralogy, Mineralogist, Mining.
*Mod.*, Modern.
*Myc.*, Mycology, Mycologist.
*Nat.*, Natural.
*Org.*, Organic.
*Ornith.*, Ornithology.
*Paint.*, Painting.
*Path.*, Pathology, Pathologist.
*Pedag.*, Pedagogy, Pedagogics.
*Pharm.*, Pharmacy, Pharmacist.
*Philos.*, Philosophy.
*Photog.*, Photography.
*Phys.*, Physics, Physicist, Physical.
*Physiol.*, Physiology, Physiologist, Physiological
*Polit.*, Political.
*Pomol.*, Pomology, Pomologist.
*Pract.*, Practice, Practical.
*Prep.*, Preparatory.
*Pres.*, President.
*Prin.*, Principal.
*Print.*, Printing.
*Psych.*, Psychology.
*Rhet.*, Rhetoric.
*Sci.*, Science, Scientific.
*Sec.*, Secretary.
*Sew.*, Sewing.
*Sociol.*, Sociology.
*Sta.*, Station.
*Sten.*, Stenography, Stenographer.
*Substa.*, Substation.
*Supt.*, Superintendent.
*Tech.*, Technology, Technical.
*Teleg.*, Telegraphy.
*Treas.*, Treasurer.
*Typew.*, Typewriting, Typewriter.
*Univ.*, University.
*V. Dir.*, Vice-Director.
*Veg.*, Vegetable, Vegetation.
*Vet.*, Veterinary, Veterinarian.
*Vit.*, Viticulture, Viticulturist.
*V. Pres.*, Vice-President.
*Wheelwr.*, Wheelwrighting.
*Zool.*, Zoology, Zoologist.

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[a] The list of referees of this association has not yet been announced.

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The college is divided into two departments—literary and industrial. The courses requiring four years for completion are as follows: Scientific, agricultural, and mechanical. Courses covering from one to four years are given in a number of different industrial and literary subjects.

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COURSES OF STUDY.

The institute is divided into five departments: Academic, music, Bible training school, mechanical industries, and agriculture.

The school of agriculture offers two two-year courses in agriculture—one to young men and one to young women.

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**Tuskegee Agricultural Experiment Station,** *Tuskegee Institute.*

Department of the Tuskegee Normal and Industrial Institute, under the control of the Board of Trustees of the Institute.

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**Alaska Agricultural Experiment Stations,** *Sitka, Kenai, Copper Center, and Rampart.*

Under the supervision of A. C. True, Director Office of Experiment Stations, United States Department of Agriculture.

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**Agricultural Experiment Station of University of Arizona,** *Tucson.*

Department of the University of Arizona, under the control of the Board of Regents.

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COURSES OF STUDY.

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[a] Includes only instructors in subjects *directly relating to agriculture.* Other members of the university may give instruction to students pursuing the agricultural course. [b] On leave.

**Agricultural Experiment Station of the University of California,** *Berkeley.*

Department of the University of California, under the control of the Regents of the University.

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Mecca Date Garden, *Mecca* (conducted in cooperation with U. S. Department of Agriculture): Barnard G. Johnson, *Workman, Mecca.*

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**The State Agricultural College of Colorado,** *Fort Collins.*

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COURSES OF STUDY.

The courses of study are five, each requiring four years in addition to two years of preparatory work, and each leading to the degree of B. S.: The agricultural course, the mechanical engineering course, the irrigation and civil engineering course, the general and domestic science course, and the horticultural course. Provision is made for postgraduate work. The degrees of M. S., C. E., and M. E. are conferred upon those worthy of holding them by faculty, action approved by the governing board. An agricultural course, a commercial course, and a normal course in domestic science, each covering a period of two years, are established, entrance to which requires the same qualifications

[a] On leave.

as for admission to the freshman class; no degree is given. A winter course of two months in practical agriculture is also offered.

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## Agricultural Experiment Station, *Fort Collins.*

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[a] Telegraph address, *Storrs* via *Willimantic;* railroad station, express, and freight address, *Eagleville.*

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Department of University of Florida, under the control of the Board of Control.

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[a] Telegraph, freight, and express address, *Griffin.*

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The regular course in agriculture requires four years for its completion and leads to the degree of B. S. A two-year preparatory course, a two-year course in agriculture and horticulture, and a special course of from four to six weeks in farm dairying and horticulture are offered.

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degree of B. S. Two-year course in pharmacy leads to the degree of Ph. C. Other short courses are school course in agriculture of two years; winter courses in agriculture, dairying, and horticulture of eight weeks, followed by three weeks' course in horticulture and poultry management. The course in the School of Laws is three years and leads to degree of LL. B

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[a] On leave.

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[a] In charge of the management of McNeill Substation.

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[a] Telegraph address, *Starkville.* Express and post-office address, *Agricultural College.* Freight address, *A. and M. College Station.*

[b] Management of McNeill Substation.

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## College of Agriculture and Mechanic Arts of the University of Missouri, *Columbia.*

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Board of Curators: Gardiner Lathrop (*Pres.*), *Kansas City;* J. G. Babb (*Sec.*), *Columbia;* R. B. Price (*Treas.*), *Columbia;* C. B. Faris, *Caruthersville;* Campbell Wells,* *Platte City;* Walter Williams,* *Columbia;* B. H. Bonfoey,* *Unionville;* D. A. McMillan, *Mexico;* Archibald McVey, *Chillicothe;* B. G. Thurman, *Lamar.*

### COURSES OF STUDY.

In the School of Agriculture the four-year course leads to the degree of B. S. in Agr. There are also three short courses of two months in plant production, animal husbandry, and dairying. In the School of Engineering four-year courses lead to the degrees of B. S. in civil engineering, in electrical engineering, in mechanical engineering, in sanitary engineering, and in chemical engineering, respectively. The degrees of C. E., E. E., and M. E. are also given for graduate work. There is also a summer school for teachers.

### BOARD OF INSTRUCTION.

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Raymond Weeks, M. A., Ph. D., *Romance Lang.*
Wm. G. Brown, B. S., Ph. D., *Chem.*
Curtis F. Marbut, B. S., M. A., *Geol., Min.*
Howard B. Shaw, B. C. E., *Elect. Engin.*
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Frederick P. Spalding, M. S., *Civil Engin.*
Jesse E. Pope, B. S., Ph. D., *Econ.*
Frederick H. Seares, B. S., *Astron.*
Benj. M. Duggar,[a] Ph. D., *Bot., Physiol.*
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Merritt F. Miller, M. S. A., *Agron.*
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Joseph Frazier, Capt., U. S. A., *Instr. Mil. Sci.*
Henry M. Belden, B. A., Ph. D., (*Asst.*) *Engl.*
Clarence H. Eckles, B. Agr., M. S., (*Asst.*) *Dairy Husb.*
Walter. S. Williams, C. E., (*Asst.*) *Civil Engin.*
Abraham L. Hyde, Ph. B., (*Asst.*) *Civil Engin.*
R. M. Bird, Ph. D., (*Asst.*) *Agr. Chem.*
Ernest B. Forbes, B. S., (*Asst.*) *Animal Husb.*
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O. D. Kellogg, B. S., Ph. D., (*Asst.*) *Math.*
John B. Tiffany, D. V. M., (*Asst.*) *Vet. Sci.*
Walter L. Howard,[a] M. S., (*Asst.*) *Hort.*
H. W. Doughty, B. S., *Instr. Chem.*
Thos. J. Rodhouse, B. S., *Instr. Draw.*
Wm. H. Cook, *Instr. Mech. Arts.*
Herman Schlundt, Ph. D., (*Asst.*) *Chem.*
Howard S. Reed, A. B., *Instr. Bot.*
Lewis D. Ames, A. M., Ph. D., *Instr. Math.*
Wm. G. Carhart, A. B., M. D., *Instr. Pathol. and Bact.*
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Albert G. Reed, A. M., *Instr. Engl.*
Alan E. Flowers, M. E., *Instr. Elect. Engin.*
Ernest H. Favor, B. A., *Asst. in Hort.*
Bayard F. Floyd, A. B., *Asst. in Bot.*
Cyrus R. Crosby, A. B., *Instr. Ent.*
Arthur E. Grantham, A. B., *Asst. in Agron.*
C. H. Hechler, B. S., *Asst. in Animal Husb.*
J. M. Doughty, B. S., *Asst. in Animal Husb.*
Irvin Switzler, *Registrar.*
James T. Gerould, A. B., *Libr.*
Walter K. Stone, A. B., *Asst. Libr.*

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[a] On leave.

## Missouri Agricultural College Experiment Station, *Columbia.*

Department of the College of Agriculture and Mechanic Arts of the University of Missouri, under the control of the Board of Curators.

STATION STAFF.

Henry J. Waters, B. S. A., *Dir.*
Paul Schweitzer, PH. D., LL. D., *Chem.*
J. C. Whitten, M. S., PH. D., *Hort.*
J. M. Stedman, B. S., *Ent.*
J. W. Connaway, M. D. C., M. D., *Vet.*
F. B. Mumford, M. S., *Animal Husb.*
C. H. Eckles, M. S., *Dairying.*
E. B. Forbes, B. S., *Animal Husb.*
M. F. Miller, M. S. A., *Agron.*
B. M. Duggar,[a] PH. D., *Bot.*
W. L. Howard,[a] M. S., *Asst. Hort.*
R. M. Bird, PH. D., *Asst. Chem.*
E. H. Favor, B. A., *Asst. Hort.*
Bayard F. Floyd, A. B., *Asst. Bot.*
H. S. Reed, A. B., *Asst. Bot.*
J. B. Tiffany, D. V. S., *Asst. Vet.*
A. E. Grantham, A. B., *Asst. Agron.*
Cyrus R. Crosby, A. B., *Asst. Ent.*
J. N. Price, B. S., *Asst. in Dairying.*
C. H. Hechler, B. S., *Asst. in Feeding.*
F. W. Liepsner, M. S., *Asst. Chem.*
J. M. Doughty, B. S., *Herdsman.*
John Schnabel, *Gard.*
J. G. Babb, M. A., *Sec.*
R. B. Price, *Treas.*
S. E. Kennedy, *Clerk, Sten.*

## Missouri State Fruit Experiment Station, *Mountain Grove.*

GOVERNING BOARD.

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STATION STAFF.

Paul Evans, *Dir.*
Frank Horsfall, B. S., *Asst. Hort.*
F. M. Rolfs, M. S., *Veg. Pathol.*
F. W. Faurot, B. S., *Asst. in Invest. of Plant Diseases.*
A. M. Swartwout, *Field Asst.*

## Lincoln Institute, *Jefferson City.*

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COURSES OF STUDY.

This institution has the following departments: College (four-year course leading to degree of B. A.), college preparatory, normal (two and four year courses), normal preparatory (three years), industrial, agricultural, and domestic. There is also a summer school of seven weeks.

BOARD OF INSTRUCTION.

Benjamin Franklin Allen, A. M., LL. D., *President; Ethics, Psychology, and Pedagogy.*
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James S. Moten, M. A., *Math.*
John W. Damel, M. PH., *Biol., Agr.*
Josephine S. Yates, M. A., *Engl., Hist., Draw.*
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J. T. Brown, *Instr. Woodwork.*
P. J. Sanderson, *Blacksm.*
James English, *Supt. Farm.*
Mary E. Grimshaw, *Instr. Sew., Basketry, Raffia.*
Fredricka D. Sprague, *Instr. Cooking.*
Libbie C. Anthony, *Matron for Girls.*
Rebecca B. Burris, *Matron for Boys.*

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[a] On leave.

## MONTANA.

### Montana State College of Agriculture and Mechanic Arts, *Bozeman.*

GOVERNING BOARD.

Executive Board: Walter S. Hartman* (*Pres.*), *Bozeman;* Peter Koch* (*Sec. and Treas.*), *Bozeman;* John Maxey,* *Bozeman;* John M. Robinson,* *Bozeman;* E. B. Lamme,* *Bozeman.*

COURSES OF STUDY.

The following courses are given: Four-year courses in civil engineering, mechanical engineering, electrical engineering, general science, domestic science, and agriculture, leading to degrees of B. C. E., B. M. E., B. E. E., B. S., and B. S. Agr.; and art, music, business, and preparatory courses, as well as a one-year course in domestic science and two-year winter courses in agriculture and engineering.

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Aaron H. Currier, A. M., *French, German.*
Lilla A. Harkins, M. S., *Dom. Sci.*
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Wm. D. Tallman, B. S., *Math.*
Frederick B. Linfield, B. S. A., *Animal Husb.*
Wm. M. Cobleigh, A. M., *Phys.*
Jos. A. Thaler, E. E., *Elect. Engin.*
George B. Couper, M. E., *Mech. Engin.*
Victor K. Chesnut, B. S., *Chem., Geol.*
Wm. J. Elliot, B. S. A., *Dairying.*
Alfred Atkinson, B. S. A., *Agron.*
E. Tappan Tannatt, C. E., *Civil Engin.*
Roy W. Fisher, B. S., *Hort.*
Charles S. Dearborn, B. M. E., (*Asst.*) *Mech. Engin.*
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Emma Stockinger, *Sten.*
Mrs. Mabel Kinney Hall, PH. B., *Public Speaking.*
Edmund Burke, *Instr. Chem.*
Florence Ballinger, *Sew.*
Wyatt W. Jones, S. B., *Bot.*
F. Arthur Oliver, *Piano.*
Josephine Cook, *Vocal Music.*
Mrs. Mary Winter, *Libr.*

### Montana Agricultural Experiment Station, *Bozeman.*

Department of the Montana College of Agriculture and Mechanic Arts, under the control of the Executive Board.

STATION STAFF.

F. B. Linfield, B. S. A., *Dir.; Agr.; in charge of Farmers' Inst.*
R. A. Cooley, B. S., *Ent.*
V. K. Chesnut, B. S., *Chem.*
R. W. Fisher, B. S., *Hort.*
W. J. Elliot, B. S. A., *Dairyman.*
Alfred Atkinson, B. S. A., *Agron.*
E. Tappan Tannatt, C. E., *Irrig. Engin.*
Edmund Burke, *Asst. Chem.*
W. W. Jones, S. B., *Asst. Bot.*
J. R. Scott, *Foreman Poultry.*
Frank Ham, *Asst. Chem.*

## NEBRASKA.

### The Industrial College of the University of Nebraska, *Lincoln.*

GOVERNING BOARD.

Regents of the University: John L. Teeters (*Pres.*), *Lincoln;* Carl J. Ernst, *Omaha;* Elisha C. Calkins,* *Kearney;* Edson P. Rich,* *Omaha;* Chas. S. Allen, *Lincoln;* Wm. G. Whitmore,* *Valley;* Jas. S. Dales (*Sec.*), *Lincoln.*

COURSES OF STUDY.

The groups (courses) of study are as follows, each ordinarily requiring four years for completion and leading to the degree of B. Sc.: General scientific group; general agricultural group; special groups—agriculture and chemistry, botany and agriculture, botany and zoology, chemistry and physics, horticulture and botany, mathematics and physics, zoology and philosophy, chemistry and domestic science, and technical groups—technical agricul-

ture, civil engineering, electrical engineering, mechanical engineering, chemical engineering, mining engineering, premedical, technical forestry. A three-year course in elementary agriculture, a nine-week course in agriculture, and a six-week summer session are also provided in the school of agriculture; a three-year course in the school of domestic science, and a two-year course in the school of mechanic arts.

BOARD OF INSTRUCTION.[a]

E. Benjamin Andrews, LL. D., *Chancellor of the University.*

Charles Edwin Bessey, PH. D., LL. D., *Dean of the Indus. College; Bot.*
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Henry B. Ward, PH. D., *Zool.*
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M. M. Fogg, A. M., *Rhet.*
George H. Morse, B. E. E., *Elect. Engin.*
John G. Workizer, *Mil. Sci. and Tactics.*
Howard R. Smith, B. S., *Animal Husb.*
Rollins A. Emerson, B. S., *Hort.*
F. E. Clements, (*Assoc.*) *Plant Physiol.*
Archibald L. Haecker, B. S. A., *Dairy Husb.*
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Jas. H. Gain, M. D. C., (*Adjunct*) *Animal Path.*
Julia E. Loughridge, B. A., *Instr. Math.*
Rachael Corr, B. S., *Asst. in Engl., Chem.*
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Annie B. Clapp, (*Adjunct*) *Phys. Ed.; Dir. of Woman's Gymnasium.*
Frederick De Forest Heald, PH. D., (*Assoc.*) *Bot.*
Annette E. Philbrick, D. S., *Instr. Dom. Sci.*
E. G. Montgomery, *Asst. in Agr.*
Alvin Keyser, B. S., *Asst. in Chem.*
Willard W. Votaw, *Asst. in Pract. Mech.*
G. R. Chatburn, A. M., (*Assoc.*) *Applied Mech.*
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Sara S. Hayden, *Instr. Draw.*
Chas. L. Dean, B. S., *Instr. Mech. Engin.*
L. W. Chase, B. S., (*Adjunct*) *Farm Mech.*

## Agricultural Experiment Station of Nebraska, *Lincoln.*

Department of the University of Nebraska, under the control of the Board of Regents.

STATION STAFF.

E. A. Burnett, B. S., *Dir.*
T. L. Lyon, PH. D., *Assoc. Dir.; Agr.*
F. D. Heald, PH. D., *Bot.*
Lawrence Bruner, B. S., *Ent.*
E. H. Barbour, PH. D., *Geol.*
A. T. Peters, D. V. M., *Animal Path.*
G. D. Swezey, M. A., *Met.*
O. V. P. Stout, C. E., *Irrig. and Drainage Engin.*
Geo. R. Chatburn, A. M., *Highway Engin.*
Samuel Avery, PH. D., *Chem.*
R. A. Emerson, B. S., *Hort.*
A. L. Haecker, B. S. A., *Dairy Husb.*
H. R. Smith, B. S., *Animal Husb.*
J. H. Gain, M. D. C., *Asst. Animal Path.*
W. P. Snyder, M. S., *Supt. North Platte Substation.*
Alvin Keyser, B. S., *Asst. Chem.*
S. W. Perin, *Farm Foreman.*
J. S. Dales, PH. M., *Financial Sec.*
W. W. Marshall, *Executive Clerk.*

[a] Includes only instructors in subjects directly relating to agriculture. Many other members of the university faculty give instruction to students pursuing the course leading to the degree of B. Sc.

## NEVADA.

### College of Agriculture of the Nevada State University, *Reno.*

GOVERNING BOARD.

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COURSES OF STUDY.

The regular course requires four years for completion and leads to the degree of B. S. Short courses in agriculture, dairying, domestic science, and assaying are given during the months of January, February, and March of each year for the benefit of ranchers and prospectors.

BOARD OF INSTRUCTION.

Joseph E. Stubbs,[a] D. D., LL. D., *President of the University, Director of the Experiment Station, and in charge of Farmers' Inst.*

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George J. Young, B. S., *Metal., Min.*
George D. Louderback, PH. D., *Geol.*
Lysander W. Cushman, PH. D., *Engl. Lang. and Lit.*
Henry Thurtell,[a] B. S., *Mech., Math.*
P. B. Kennedy, PH. D., *Bot., Hort.*
Gordon H. True, B. S., *Animal Husb., Agr.*
Robert Lewers, *Polit. Econ., Logic.*
Robert M. Brambilla, Capt., U. S. A., *Mil. Sci. and Tactics.*
Samuel B. Doten, B. A., (*Asst.*) *Ent., Math.*
Peter Frandsen, A. M., *Zool., Bact.*
Kate Bardenwerper, *Instr., Dom. Sci.*
George F. Blessing,[a] B. S., *Mech. Engin.*
James E. Scrugham, (*Asst.*) *Mech. Engin.*
John A. Reid, *Phys.*
J. R. Johnson, B. S., *Mech., Math.*
H. L. Prather, B. S., *Shop Work.*
Francis E. Short, *Engl.*

### Nevada Agricultural Experiment Station, *Reno.*

Department of Nevada State University, under the control of the Board of Regents.

STATION STAFF.

Joseph E. Stubbs,[a] D. D., LL. D., *Dir.*
N. E. Wilson, M. S., *V. Dir.; Consulting Chem.*
Peter Frandsen, A. M., *Zool., Bact.*
P. B. Kennedy, PH. D., *Bot., Hort., For.*
G. H. True, B. S., *Agr., Animal Husb.*
Carolyn M. Beckwith, *Sten.*
Mrs. T. W. Congill, *Libr.*
S. B. Doten, B. A., *Consulting Ent.; Met.*
Sanford C. Dinsmore, B. S., *Chem.*
Theodore W. Clark, *Farm Foreman.*

## NEW HAMPSHIRE.

### New Hampshire College of Agriculture and the Mechanic Arts, *Durham.*

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COURSES OF STUDY.

There are five courses of study, each requiring four years for completion and leading to the degree of B. S.: Course in agriculture, course in technical chemistry, course in mechanical engineering, course in electrical engineering, and general course (open to women). Also a two-year course in agriculture not leading to any collegiate degree, a ten-week course in agriculture, and a ten-week course in dairying.

[a] On leave.

BOARD OF INSTRUCTION.

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Fred W. Morse, M. S., *Org. Chem.*

Charles L. Parsons, B. S., *Gen. and Anal. Chem.*

Frank William Rane, B. AGR., M. S., *Hort., For.*

Carleton A. Read, B. S., *Mech. Engin.*

Frederick W. Taylor, B. S., *Agr.*

E. Dwight Sanderson, B. S. A., *Ent., Zool.*

Arthur F. Nesbit, M. A., B. S., *Phys., Elect. Engin.*

William E. Hunt, Lieut., U. S. A., *Mil. Sci. and Tactics.*

Richard Whoriskey, jr., B. A., (*Assoc.*) *Mod. Lang.*

E. R. Groves, B. A., B. D., (*Assoc.*) *Engl.*

Edward L. Shaw, B. S., (*Asst.*) *Agr.*

Arthur Elson, A. B., S. B., (*Asst.*) *Draw.*

John N. Brown, *Instr. Mach. Work.*

Edward H. Hancock, B. S., *Instr. Woodwork.*

Ivan C. Weld, *Instr. Dairy Manufactures.*

Harry F. Hall, *Instr. Hort.*

A. R. Rose, B. S., *Instr. Chem.*

Charles Brooks, A. M., *Instr. Bot.*

Frank Wenner, B. S., *Instr. Phys. Elect. Engin.*

Frank R. Brown, B. S., *Instr. Mach. Work.*

Frank A. Tinkham, B. S., *Farm Foreman.*

Edith M. Davis, *Purchasing Agt.*

Oscar W. Straw, *Engin.*

Mabel E. Townsend, *Assoc. Libr., Registrar.*

**New Hampshire College Agricultural Experiment Station,** *Durham.*

Department of New Hampshire College of Agriculture and the Mechanic Arts, under the control of the Board of Trustees.

STATION STAFF.

Wm. D. Gibbs, M. S., *Dir.*

F. W. Morse, M. S., *V. Dir.; Chem.*

F. Wm. Rane, B. AGR., M. S., *Hort.*

F. W. Taylor, B. S., *Agr.*

E. Dwight Sanderson, B. S. A., *Ent.*

I. C. Weld, *Dairy Manufactures.*

E. L. Shaw, B. S., *Assoc. Agr.*

H. F. Hall, *Assoc. Hort.*

Edward H. Goodnow, B. S., *Asst. Chem.*

Charles Brooks, A. M., *Asst. Bot.*

John L. Randall, B. S., *Asst. Ent.*

F. A. Tinkham, B. S., *Farm Foreman.*

Edith M. Davis, *Purchasing Agt.*

Mabel H. Mehaffey, *Sten.*

## NEW JERSEY.

**Rutgers Scientific School, the New Jersey College for the Benefit of Agriculture and the Mechanic Arts,** *New Brunswick.*

GOVERNING BOARD

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COURSES OF STUDY.

There are six distinct courses of study: A course in agriculture, a course in civil engineering and mechanics, a course in chemistry, a course in electricity, a course in biology, and a course in clay working and ceramics. Each course requires four years for completion and leads to the degree of B. S. There are also a Latin scientific course which leads to the degree of B. Litt., and a two-year course in clay working and ceramics.

BOARD OF INSTRUCTION.

W. H. S. Demarest, *Acting President.*

Austin Scott, PH. D., LL. D., *Hist., Polit. Sci.*
Francis Cuyler Van Dyck, PH. D., *Phys., Expt. Mech.*
Edward A. Bowser, C. E., LL. D., *Math. and Engin. Emeritus.*
Rev. Charles E. Hart, D. D., *Ethics, Evidences of Christianity.*
Louis Bevier, jr., PH. D., *Greek Lang. and Lit.; Sec. Ex. Dept.*
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The courses of study are: General science; agriculture, including horticulture and animal husbandry; and mechanical, civil, and electrical engineering. Each course requires five years for completion and leads to the degree of B. S. A two-year course in agriculture and domestic science, a twenty-week course in mechanics, and a one-year business course are also offered, as well as a special eight-week winter term in agriculture and dairying, a one-week course in stock judging and seed selection, and a short course of eleven weeks for teachers in nature study, school gardening, etc.

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[a] On leave.

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[a] Freight.

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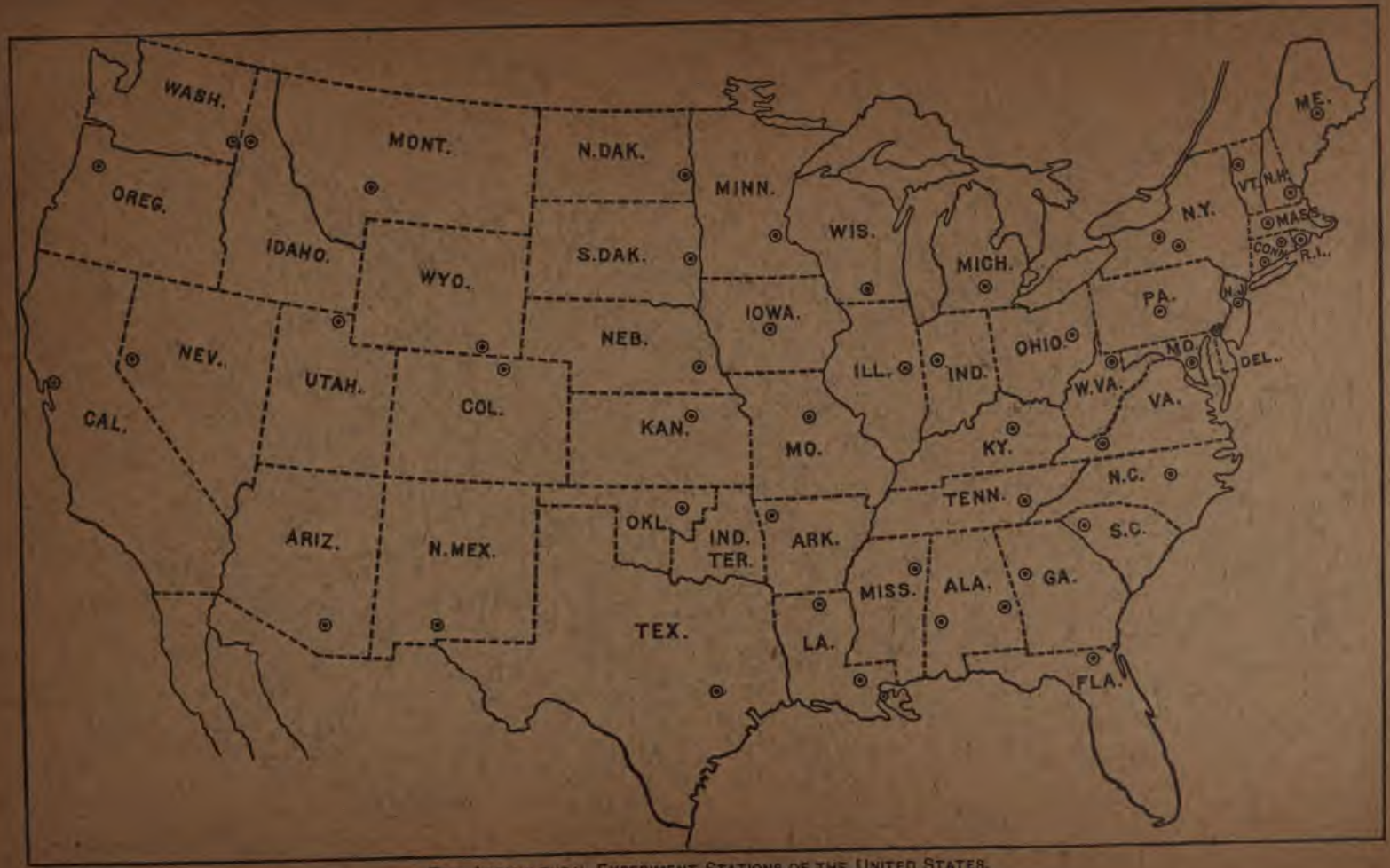


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